Machine Specification Sheet EN-2000x2 SP

EN 2000x2 SP

Overview:

EN 2000x2 is Single Arm Single Station Bi-Axial Rotational Molding machine. It is efficient in manufacturing complete range of tanks from 300 Ltr to 2,000 Ltr capacity. It is very economical to use.

Features:

- Heavy-Duty Straight Arm ensuring the reliability.
- Makes 36 tanks of 2,000 Ltr or 72 tanks of 1,000 Ltr or 144 tanks of 500 Ltr in 24 Hrs.
- Capable of making Multi-layer Tanks.
- Very suitable to make good quality foam tank.
- Suitable for all roto moulding articles other than water tank as well.
- Compact Design thus has a small footprint.
- Only three Semi-skilled persons required.
- Low electricity consumption.
- Fuel Efficient.
- It comes with 1 year warranty on all mechanical components.
- Plain and level ground is sufficient for installation of machine.
- Optional PLC Control Available.
- Mold Vertical Stop Arrangement System

SPECIFICATION	
Machine	
Machine Size	Length: 7.85 Mtr
	Width: 4.85 Mtr
	Height: 6.15 Mtr
Minimum Shed Dimensions	Height: 7.7 Mtr
	Area: 1000 sq. ft.
Cycle time	Double Layer: 80 Min.
	Triple Layer: 90 Min.
Production per Cycle	2000 Ltr x 2 or 1500 Ltr x 2 or 1000 Ltr x 4 or 500 Ltr x 8
Production per Day	72,000 Ltr (24 Hrs.)*
Fuel Consumption:	Diesel: 10 Ltr/cycle*
	Gas: 8.5 Kg/cycle*
Max. Temperature	250 °c
Total Connected Load	13 HP, 3-Phase, 50 Hz

TECHNICAL SPECIFICATIONS	
Straight-Arm	
Spindle	1
Maximum weight on arm	875 Kg
Spider Diameter	1650 mm
Major Axis Speed Range	0-6 RPM
Minor Axis Speed Range	0-8 RPM
Furnace	
Maximum Usage	1,83,148 Kcal/Hr
Usage Normal	76,317 Kcal/Hr
Maximum Temperature	250 °c
Circulating blower CFM	10,720 CFM
Electrical	
Supply Voltage	415 V, 50 Hz, 3 Phase & Neutral
Circulating blower HP	7.5 HP
Major Axis Drive AC Motor HP	3 HP
Minor Axis Drive AC Motor HP	2 HP
Burner HP	0.5 HP

*All values are for standard double layer tanks

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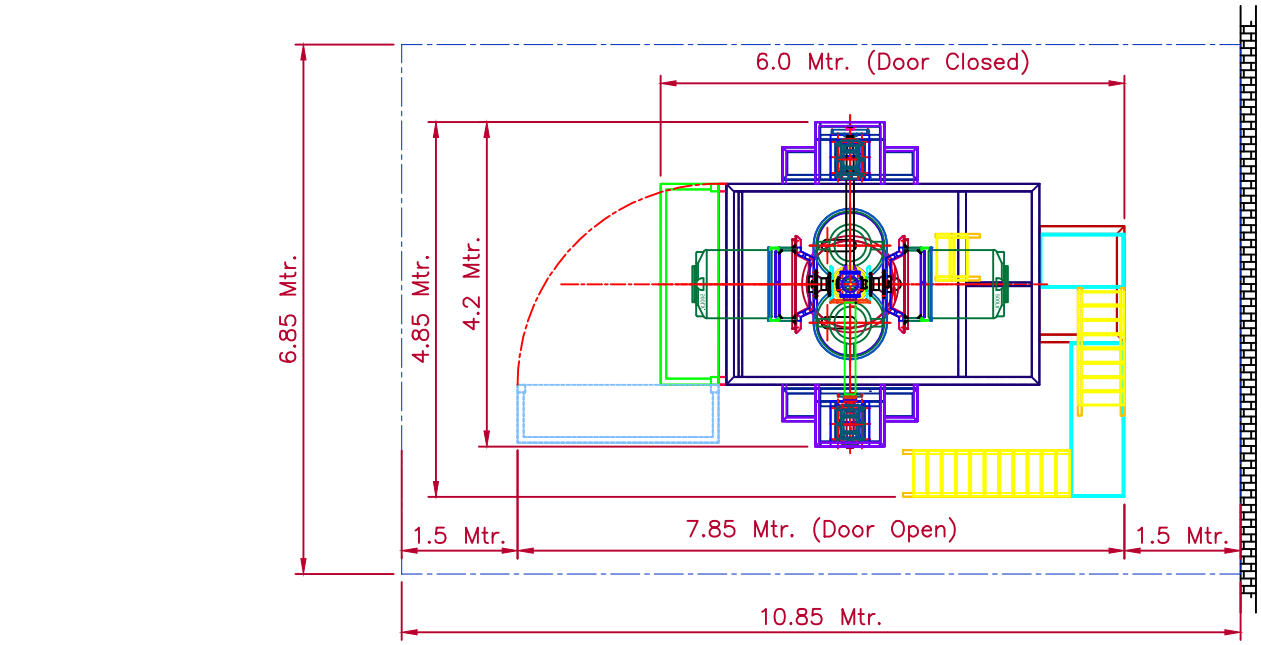

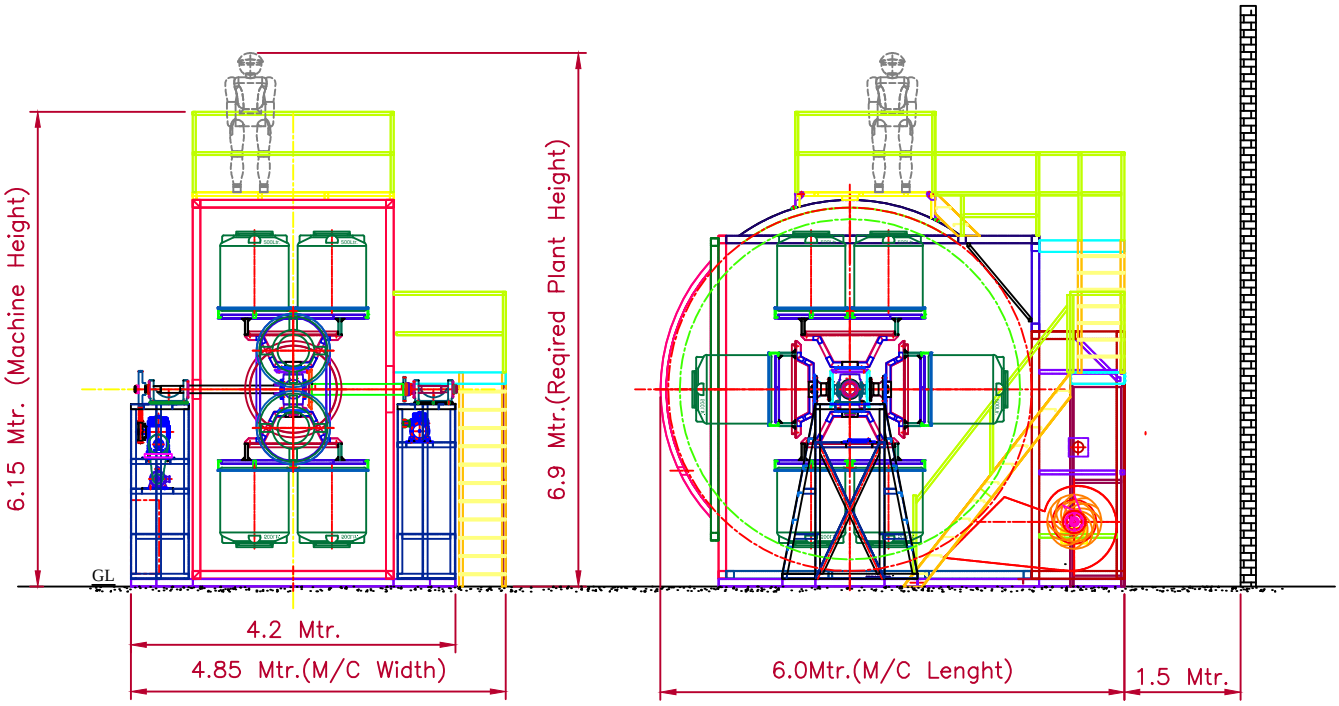

Mould Mtg.Capacity On Arm					
Vertical Tank Mould		Horizontal Tank Mould		Loft Tank Mould	
2000Ltr.	02 Nos.	1000Ltr.	04 Nos.	500Ltr.	02 Nos.
1500Ltr.	02 Nos.	500Ltr.	04 Nos.	300Ltr.	04 Nos.
1000Ltr.	04 Nos.			200Ltr.	04 Nos.
500Ltr.	08 Nos.				
500Ltr.	06 Nos.				

REMARK :-
QTY :-
R/M Size :-
R/M Wet :-

TITLE :-
Plant Layout for
EN-500x8 Machine

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	SIGN	DATE
DRAWN	SPB	29.12.2019
CHKD		
APPD		

DWG NO :- EN500 X 2 - GL - 001
SHEET :- 1 OF 1
SCALE: 1:1
ALL DIMENSION IN MM